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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	09/765,207
Filing Date	January 17, 2001
First Named Inventor	Ansgar BROCK
Group Art Unit	2856
Examiner Name	[illegible]
Attorney Docket Number	P0021US00

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
[illegible]	C1	SCHUERENBERG, "Prestructured MALDI-MS Sample Supports," Anal. Chem. 72: 3436-3442 (2000) Aug	
	C2	ONNERFJORD, "Picoliter Sample Preparation in MALDI-TOF MS Using a Micromachined Silicon Flow-Through Dispenser," Anal. Chem. 70: 4755-4760 (1998) Nov.	
	C3	PREISLER, "On-Line MALDI-TOF MS Using a Continuous Vacuum Deposition Interface," Anal. Chem. 70: 5278-5287 (1998) Oct.	
	C4	LAURELL, "Silicon Microstructures for High-Speed and High-Sensitivity Protein Identifications," J of Chromatograhy B. 752: 217-232 (2001) month not given	
	C5	MILIOTIS, "Protein Identification Platform Utilizing Micro Dispensing Technology Interfaced to Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry," J of Chromatography A. 886:99-110 (2000) post April 3,	
	C6	MILIOTIS, "Capillary Liquid Chromatography Interfaced to Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry Using an On-Line Coupled Piezoelectric Flow-Through Microdispenser," J of Mass Spectrom. 35:369-377 (2000) month not given	
	C7	LAURELL, "Proteomics-Protein Profiling Technology:The Trend Towards a Microfabricated Toolbox Concept," Trends in Analytical Chemistry. 20:225-231 (2001) month not given	
	C8	YOGI, "On-Demand Droplet Spotter for Preparing Pico-to-Femtoliter Droplets on Surfaces," Anal. Chem. 73:1896-1902 (2001) April	
	C9	DeVAULT, "Electrofilament Deposition and Off-Column Detection of Analytes Seperated by Capillary Electrophoresis," Electrophoresis. 21:1320-1328 (2000) month not given	
	C10	PREISLER, "Capillary Electrophoresis-Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry Using a Vaccuum Deposition Interface," Anal. Chem. 72:4785-4795 (2000) Oct.	
[illegible]	C11	JOHNSON, "A CE-MALDI Interface Based on the Use of Prestructured Sample Supports," Anal. Chem. 73:1670-1675 (2001) April	

Examiner Signature	[illegible]	Date Considered	4/21/03

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Examiner Name	N. Ivey
Attorney Docket Number	P0021US00

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JON	C12	HAGER, "Droplet Electrospray Mass Spectrometry," Anal. Chem. 66:3944-3949 (1994) Nov.	
	C13	OJIMA, "Droplet Electrocoupling Between Capillary Electrophoresis and Matrix Assisted Laser Desorption/Ionization-Time of Flight-Mass Spectroscopy and its Application," Electrophoresis. 22:3478-3482 (2001) post Jan.	
	C14	MILIOTIS, "Development of Silicon Microstructures and Thin-Film MALDI Target Plates for Automated Proteomics Sample Identification," J of Neuroscience Methods. 109:41-46 (2001) month not given	
	C15	LAUREL, "Microfluidic Components for Protein Characterization," Reviews in Molecular Biotechnology. 82:161-175 (2001) month not given	
	C16	MARKO-VARGA, "Disposable Polymeric High-Density Nanovial Arrays for Matrix Assisted Laser Desorption/Ionization-Time of Flight-Mass Spectrometry:I. Microstructure Development and Manufacturing," Electrophoresis. 22:3978-3983 (2001) post April	
	C17	MILIOTIS, "Ready-Made Matrix-Assisted Laser Desorption/Ionization Target Plates Coated with Thin Matrix Layer for Automated Sample Deposition in High-Density Array Format," Rapid Commun. Mass Spectrom. 16:117-126 (2002) by June	
	C18	EKSTROM, "Signal Amplification Using "Spot-on-a-Chip" Technology for the Identification of Proteins via MALDI-TOF MS," Anal. Chem. 73:214-219 (2001) Jan 15	
	C19	ERICSSON, "Downsizing Proteolytic Digestion and Analysis Using Dispenser-Aided Sample Handling and Nanovial Matrix-Assisted Laser/Desorption Ionization-Target Arrays," Proteomics. 1:1072-1081 (2001) post Jan.	
	C20	EKSTROM, "Disposable Polymeric High-Density Nanovial Arrays for Matrix Assisted Laser Desorption/Ionization-Time of Flight-Mass Spectrometry: II. Biological Applications," Electrophoresis. 22:3984-3992 (2001) post April	
	C21	MOROZOV, "Electrospray Deposition as a Method for Mass Fabrication of Mono-and Multicomponent Microarrays of Biological and Biologically Active Substances," Anal. Chem. 71:3110-3117 (1999) Aug.	
JON	C22	LEMMO, "Characterization of an Inkjet Chemical Microdispenser for Combinatorial Library Synthesis," Anal. Chem. 69:543-551 (1997) Feb.	

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Sheet 3 of 3

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First Named Inventor	Ansgar BROCK
Group Art Unit	2856
Examiner Name	Noland
Attorney Docket Number	P0021US00

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TN	C23	MILIOTIS, "Analysis of Regulatory Phosphorylation Sites in ZAP-70 by Capillary High-Performance Liquid Chromatography Coupled to Electrospray Ionization or Matrix-Assisted Laser Desorption Ionization or Matrix-Assisted Laser Deorption Ionization Time-of-Flight Mass Spectrometry," J of Chromatography B, 752:323-334 (2001) month not given	
TN	C24	EKSTROM, "Integrated Microanalytical Technology Enabling Rapid and Automated Protein Identification," Anal. Chem. 72:286-293 (2000) Jan. 15.	
TN	C25	ONNERFJORD, "Homogeneous Sample Preparation for Automated High Throughput Analysis with Matrix-Assisted Laser Desorption/Ionisation Time-of-Flight Mass Spectrometry," Rapid Commun. Mass Spectrom. 13: 315-322 (1999) Month not given	

Examiner Signature	Noland	Date Considered	4/21/03

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